BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work :Additional Developmental Works to Telugu School in Chowdeshwari Ward no-02

PRE MEASURMENT BOOK

1st and Final Bill

BRUHAT BENGALURU MAHANAGARA PALIKE

Running Account Bill No:1st And Final Bill

Name of work: Additional Developmental Works to Telgu School in Chowdeshwari Ward no-02.

Job No : 002-21-000012

Work Order No : BBMP/EE/YNK.D/EPMT-10/W.O/34/2021-22

Name Of Agency :B.B Umesha M/S SMLP ASPHALTS

Aggrement No :BBMP/EE/YNK.D/EPMT/AG/20/2021-22

EMB Pre Measurements Recorded On : 3/8/2021-10/8/2021

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
5	KSRB 2.2.6 : Excavation for foundation of buildings, water supply & sanitary lines & electrical conduits etc., either in pits or in trenches 1.50m & above in width in hard rock by chiselling and / or wedging where blasting is prohibited, not excluding 1.50m in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50m including cost of labour, HOM complete as per specifications							
	Footings earthwork							
	C1	1	2.50	1.50	1.80	6.75	Cum	
	C2	8	1.80	1.80	1.80	46.66	Cum	
	For Sump							
		1	3.7	3.7	1.80	24.64	Cum	
	SSM							
	Between A1B1,A2B2,A3C3	3	4	0.75	0.70	6.30	Cum	
	Between B1C1,B2C2,B3C3	3	4	0.75	0.70	6.30	Cum	
	BetweenC1C2,B1B2,A1A2	3	4	0.75	0.70	6.30	Cum	
	BetweenC2C3,B2B3,A2A3	3	4	0.75	0.70	6.30	Cum	
	Compound wall	1	10	0.75	0.70	5.25	Cum	
					Total	108.50	Cum	

Contractor

Assistant Engineer BBMP
Ward no 2

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exe.Engineer BBMP

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On : 7/8/2021							
6	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete							
	Footings soling							
	C1	1	2.50	1.50	0.15	0.56	Cum	
	C2	8	1.80	1.80	0.15	3.89	Cum	
					Total	**4.45**	**Cum**	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Contractor

Assistant Engineer BBMP
Ward no 2

Asst. Executive Engineer BBMP
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On : 9/8/2021 13-8-2021 27/8/2021							
7	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1. 4.2							
	Footings							
	C1	1	2.60	1.60	0.15	0.62	Cum	
	C2	8	1.90	1.90	0.15	4.33	Cum	
	For Sump							
		1	3.7	3.7	0.15	2.05	Cum	
	SSM PCC							
	Between A1B1,A2B2,A3C3	3	4	0.75	0.15	1.35	Cum	
	Between B1C1,B2C2,B3C3	3	4	0.75	0.15	1.35	Cum	
	BetweenC1C2,B1B2,A1A2	3	4	0.75	0.15	1.35	Cum	
	BetweenC2C3,B2B3,A2A3	3	4	0.75	0.15	1.35	Cum	
	Compound wall	1	10	0.75	0.15	1.13	Cum	
	SSM PCC							
	Building area	1	7.4	7.30	0.15	8.11	Cum	
					Total	21.64	Cum	
	Contractor			Assistant Engineer Ward no 2 BBMP		Asst. Executive Engineer BBMP Yelahanka Sub. Division (BBMP Ynk. Zn) Yelahanka, Bangalore		

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On : 1-9-2021							
8	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2							
	SSM COURSE Below GL							
	Between A1B1,A2B2,A3C3	3	3.175	0.60	0.15	0.86	Cum	
	Between B1C1,B2C2,B3C3	3	3.175	0.60	0.15	0.86	Cum	
	BetweenC1C2,B1B2,A1A2	3	2.775	0.60	0.15	0.75	Cum	
	BetweenC2C3,B2B3,A2A3	3	3.63	0.60	0.15	0.98	Cum	
	Compound wall	1	10	0.60	0.15	0.90	Cum	
					Total	**4.34**	Cum	

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer
Ward no 2

BBMP

Asst. Exe. Engineer, BBMP
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On : 6/9/2021							
9	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page No 23 item No 5.6							
	SSM COURSE Below GL							
	Between A1B1,A2B2,A3C3	3	3.175	0.60	0.70	4.00	Cum	
	Between B1C1,B2C2,B3C3	3	3.175	0.60	0.70	4.00	Cum	
	BetweenC1C2,B1B2,A1A2	3	2.775	0.60	0.70	3.50	Cum	
	BetweenC2C3,B2B3,A2A3	3	3.63	0.60	0.70	4.57	Cum	
	Compound wall	1	10	0.60	0.70	4.20	Cum	
					Total	20.27	Cum	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer
Ward no 2
BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On : 13/9/2021							
10	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page No 23 item No 5.6							
	SSM COURSE above GL							
		1	2	0.60	0.45	0.54	Cum	
		1	0.7	0.60	0.45	0.19	Cum	
		2	1.5	0.60	0.15	0.27	Cum	
		2	1.5	0.90	0.15	0.41	Cum	
		2	1.5	0.30	0.15	0.14	Cum	
	Compound wall	1	10.2	0.60	0.45	2.75	Cum	
	Deduction	-1	4	0.60	0.45	-1.08	Cum	
					Total	**3.21**	**Cum**	

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Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer
Ward no 2

BBMP

Asst. Exe Engineer BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On : 18/9/2021							
12	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 133,Item No17.4							
	Earth Work Excavation					92.1	Cum	
	Filling In Foundations					-44.92	Cum	
					Total	47.18	Cum	
	Contractor			Assistant Engineer BBMP Ward no 2			Asst. Exe.Engineer, BBMP Yelahanka, Bangalore	

Asst. Executive Engineer BBMP
Yelahanka, Bangalore
(BBMP Mk. Zn)

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On :							
13	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2							
	Footings centrings							
	C1	1	2	2.00	0.35	1.40	Sqm	
	"	1	2	2.00	0.35	1.40	Sqm	
	C2	8	2	1.60	0.30	7.68	Sqm	
	"	8	2	1.60	0.30	7.68	Sqm	
	Centrings for Sump mat	1	2	3.70	0.15	1.11	Sqm	
	"	1	2	3.70	0.15	1.11	Sqm	
	Column UP TO PLINTH							
	C1	1	2	0.30	1.95	1.17	Sqm	
	"	1	2	0.45	1.95	1.76	Sqm	
	C2	8	2	0.30	1.95	9.36	Sqm	
	"	8	2	0.45	1.95	14.04	Sqm	
	Sump Walls							
		2	2	3.70	1.80	26.64	Sqm	
		2	2	3.40	1.80	24.48	Sqm	
					Total	97.83	Sqm	
	Contractor			Assistant Engineer Ward no 2	BBMP	Asst. Executive Engineer Asst. Exe Engineer BBMP		

Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On :							
14	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2							
	Plinthbem							
	Grid A1C1,A3C3 Outer wall	2	7.7		0.45	6.93	Sqm	
	Grid A1C1,A3C4 inner wall	8	3.025		0.45	10.89	Sqm	
	Grid C1C3A1A3 Outer wall	2	7.3		0.45	6.57	Sqm	
	C1C2,B1B2,A1A2 Inner wall	4	2.775		0.45	5.00	Sqm	
	C2C3,B2B3,A2A3 Inner wall	4	3.63		0.45	6.53	Sqm	
					Total	**35.92**	**Sqm**	
	Contractor				Assistant Engineer BBMP Ward no 2		Asst. Exe. Engineer BBMP	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Remarks
	Continued EMB Pre Measurements Recorded On : 12/8/2021 14-8-2021 30/8/2021							
19	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6							6/9/2021
	Footings Concrete							
	C1	1	2.00	2.00	0.35	1.40	Cum	
	C2	8	1.60	1.60	0.30	6.14	Cum	
	Concrete for Sump Bottom slab							
		1	3.70	3.70	0.15	2.05	Cum	
	ColumnS UP TO PLINTH							
	C1	1	0.3	0.45	1.60	0.22	Cum	
	C2	8	0.3	0.45	1.65	1.78	Cum	
	Concrete for Sump Walls							
		2	3.70	0.15	1.80	2.00	Cum	
		2	3.40	0.15	1.80	1.84	Cum	
	Concrete for toilet and Building Surrounding							
	Toilet Concrete	12	1.2	1.20	0.15	2.59	Cum	
	Gate Entance	1	4	3.00	0.15	1.80	Cum	
	Toilet building surrounding	2	7.4	0.60	0.15	1.33	Cum	
		2	7.3	0.45	0.15	0.99	Cum	
	Concrete for Sump Cover slab							
		1	3.70	3.70	0.15	2.05	Cum	
	PLINTH BEAM							
	Grid A1C1,A2C2&A3C3	3	7.7	0.20	0.45	2.08	Cum	
	Grid A1A2,B1B2&C1C2	3	2.775	0.20	0.45	0.75	Cum	
	Grid A2A3,B2B3&C2C3	3	3.63	0.20	0.45	0.98	Cum	
					Total	28.00	Cum	

Contractor

Assistant Engineer Ward no 2 BBMP

Asst. Exe.Engineer BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Remarks
	Continued EMB Pre Measurements Recorded On : 9/9/2021							
20	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm andmdown size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6							
	Column UP TO ROOF TOP							
	C1	1	0.3	0.45	3.10	0.42	Cum	
	C2	8	0.3	0.45	3.10	3.35	Cum	
					Total	3.77	Cum	

Contractor

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Engineer BBMP
Ward no 2

Asst. Executive Engineer BBMP
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	Continued EMB Pre Measurements Recorded On : 10/8/2021 16/8/2021 27/8/2021 4/9/2021							
22	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3							
	Mat For Footings							
	C1	No	No of bars		Total Qty	Wt/m		
	12mm dia bars long direction@125c/c	1	16	2.30	36.80	0.888	32.68	Kg
	12mm dia bars short direction	1	16	2.30	36.80	0.888	32.68	Kg
	C2							
	12mm dia bars long direction@125c/c	8	12	1.90	182.40	0.888	161.97	Kg
	12mm dia bars short direction	8	12	1.90	182.40	0.888	161.97	Kg
	COLUMNS							
	Columns up to plinth top From the bottom of Footings including 1mtr lap lenghth							
	C1 Column							
	16mm dia Bars	1	6	2.70	16.20	1.580	25.6	Kg
	8mm stirps@250mm C/C	1	10	1.60	16.00	0.395	6.3	Kg
	C2 Column							
	16mm dia Bars	8	6	2.70	129.60	1.580	204.8	Kg
	8mm stirps@250mm C/C	8	10	1.60	128.00	0.395	50.6	Kg
	Mat and Wall For Sump							
	16mm dia bars long direction@150c/c	2	25	3.70	185.00	1.580	292.3	Kg
	16mm dia bars short direction	2	25	3.70	185.00	1.580	292.3	Kg
	Walls							
	12mm dia bars long direction@125c/c	2X2	30					
	12mm dia bars short direction	2X2	30					
	Sump							
	cover slab double mat							
	16mm dia bars long direction@125c/c	2	30					
	16mm dia bars short direction	2	30					
	PLINTH BEAM							
	PB1							
	Grid A1C1,A2C2&A3C3							
	16mm Top Bars	3						
	16mm Bottom Bars	3						

Assistant Engineer
Asst. Engineer Sub. Division
(BBMP Yelahanka Zone)
Yelahanka, Bangalore

I.No	Description of work	No	Dimensions			Total Quantity	Unit	Remarks
			L	B	D			
	16mm dia Bars top	2	2	7.70	30.80	1.580	48.7	Kg
	16mm dia Bars	2	2	2.80	11.20	1.580	17.7	Kg
	8mm stirps@150mm C/C	2	45	1.30	117.00	0.395	46.2	Kg
	B3 Beam							
	20mm dia Bars bottom	3	2	7.60	45.60	2.460	112.2	Kg
	20mm dia Bars top	3	2	7.60	45.60	2.460	112.2	Kg
	8mm stirps@150mm C/C	3	44	1.00	132.00	0.395	52.1	Kg
	Slab Details							
	Grid 1-2	1	60	3.50	210.00	0.395	83.0	Kg
	Grid 1-2	1	15	7.40	111.00	0.395	43.9	Kg
	Grid 2-3	1	60	3.80	228.00	0.395	90.1	Kg
		1	12	7.40	88.80	0.395	35.1	Kg
	Extra bars	1	60	2.15	129.00	0.617	79.6	Kg
		1	60	2.15	129.00	0.617	79.6	Kg
	Compound plinth							
	16mm dia Bars bottom	2	2	60.00	240.00	1.580	379.2	Kg
	16mm dia Bars bottom	2	2	60.00	240.00	1.580	379.2	Kg
	Stirups @200mm c/c	2	300	0.60	360.00	0.395	142.2	Kg
						Total	5597.28	Kg
						Total	**5.60**	Tonne
	Contractor			Assistant Engineer Ward no 2		BBMP	Asst. Executive Engineer BBMP	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

RA 1st and Final

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work :Additional Developmental Works to Telugu School in Chowdeshwari Ward no-02

DETAILED MEASURMENT BOOK

1st and Final Bill

RA 1st and

BRUHAT BENGALURU MAHANAGARA PALIKE

EMB NO :001

Running Account Bill No.1st And Final Bill | **Recorded On:** / /2021

Name of work:Additional Developmental Works to Telgu School in Chowdeshwari Ward no-02.

Job No :002-21-000012

Administrative Sanction No :

Technical Sanction No :

Work Order No : BBMP/EE/YNK/ DEPMT-10 WO/2021-22

Name Of Agency :B B UMESHA M/S SMLP ASPHALTS

Aggrement No : BBMP/EE/YNK.DEPMT/AG /2021-22

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
1	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grovesin joints including cost of including cost of all materials, mortar, labour, curing etc., complete as per specification.do - minimum width of 1200mm (gang saw water cut)								
	Ground Floor Granite								
	Room no 1 and 1'	1	6.8	4.18		28.42	Sqm		
		1	4	6.8		27.20	Sqm		
	Skirting	2	6.8	0.1		1.36	Sqm		
		2	4.18	0.1		0.84	Sqm		
		2	4	0.1		0.80	Sqm		
		2	6.8	0.1		1.36	Sqm		
	Deduction Doors	-1	1.2	0.1		-0.12	Sqm		
		-2	0.8	0.1		-0.16	Sqm		
	Door Offset	1	1.2	0.2		0.24	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
		1	0.8	0.25		0.20	Sqm		
	Room NO 2								
	Flooring	1	4	6.8		27.20	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4	0.1		0.80	Sqm		
		2	6.8	0.1		1.36	Sqm		
	Room NO 3								
	Flooring	1	4.18	6.8		28.42	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.18	0.1		0.84	Sqm		
		2	6.8	0.1		1.36	Sqm		
	Room NO 4					0.00	Sqm		
	Flooring	1	4.18	6.8		28.42	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.18	0.1		0.84	Sqm		
		2	6.8	0.1		1.36	Sqm		
	Room NO 5					0.00	Sqm		
	Flooring	1	4.1	6.8		27.88	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.1	0.1		0.82	Sqm		
		2	6.8	0.1		1.36	Sqm		
	Passage					0.00	Sqm		
	Flooring	1	27.9	1.55		43.25	Sqm		

A.E.E

Sl no.	Description of work	No	Dimensions			Total Quantity	Unit	Approved Rate	Amount
			L	B	D				
	Door Offset	6	0.9	0.1		0.54	Sqm		
	Deduction Doors	-6	0.9	0.1		-0.54	Sqm		
	Skirting	1	27.9	0.1		2.79	Sqm		
	Deduction	-6	0.9	0.1		-0.54	Sqm		
	Door Offset	6	2	0.1		1.20	Sqm		
	Columns	7	0.9	0.1		0.63	Sqm		
		1	0.6	0.1		0.06	Sqm		
	Deductions	-7	0.3	0.3		-0.63	Sqm		
	Passage	1	6.1	2		12.20	Sqm		
	Staircase	-1	2.08	0.8		-1.66	Sqm		
	Skirting	1	2.25	0.1		0.23	Sqm		
		1	2	0.1		0.20	Sqm		
		1	6.1	0.8		4.88	Sqm		
		1	3.7	0.8		2.96	Sqm		
					Total	246.81	Sqm	2235.59	551765.97

Contractor

Assistant Engineer BBMP
Ward no 2
02/5/2022

Asst. Exe.Engineer BBMP
Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
2	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour, curing etc., complete as per specification.do - minimum width of 1200mm (gang saw water cut) FIRST FLOOR								
	FIRST FLOOR								
	Room NO 1								
	Flooring	1	4.18	6.8		28.42	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.18	0.1		0.84	Sqm		
	Skirting	2	6.8	0.1		1.36	Sqm		
	Room NO 2								
	Flooring	1	4.2	6.8		28.56	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.2	0.1		0.84	Sqm		
	Skirting	2	6.8	0.1		1.36	Sqm		
	columns	4	0.1	0.1		0.04	Sqm		
	Room NO 3								
	Flooring	1	4.2	6.8		28.56	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.2	0.1		0.84	Sqm		
	Skirting	2	6.8	0.1		1.36	Sqm		
	columns	4	0.1	0.1		0.04	Sqm		
	Room NO 4								
	Flooring	1	4.1	6.8		27.88	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.1	0.1		0.82	Sqm		
	Skirting	2	6.8	0.1		1.36	Sqm		
	columns	4	0.1	0.1		0.04	Sqm		
	Room NO 5								
	Flooring	1	4.26	6.8		28.97	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.26	0.1		0.85	Sqm		
	Skirting	2	6.8	0.1		1.36	Sqm		
	columns	4	0.1	0.1		0.04	Sqm		
	Room NO 6								
	Flooring	1	4.05	6.8		27.54	Sqm		
	Deduction Doors	-1	0.9	0.1		-0.09	Sqm		
	Door Offset	1	0.9	0.2		0.18	Sqm		
	Skirting	2	4.05	0.1		0.81	Sqm		
	Skirting	2	6.8	0.1		1.36	Sqm		
	columns	4	0.1	0.1		0.04	Sqm		
	Passage								
	Flooring	1	27.9	1.55		43.25	Sqm		
	Skirting	2	27.9	0.1		5.58	Sqm		
	Deduction Doors	-6	0.9	0.21		-1.13	Sqm		
	Columns	8	2	0.1		1.60	Sqm		
	Passage	1	8.6	0.83		7.14	Sqm		
	Skirting	2	8.6	0.1		1.72	Sqm		
	Skirting	1	1.55	0.1		0.16	Sqm		
		2	0.83	0.1		0.17	Sqm		
		-1	1.55	0.1		-0.16	Sqm		

RA 1st and final

Sl no.	Description of work	No	Dimensions			Total Quantity	Unit	Approved Rate	Amount
			L	B	D				
	Staircase passage	1	0.82	1.8		1.48	Sqm		
	Skirting	1	1.9	0.93		1.77	Sqm		
	Skirting	1	3.8	0.1		0.38	Sqm		
	Passage	1	0.82	0.1		0.08	Sqm		
		1	3.2	5.55		17.76	Sqm		
					Total	263.61	Sqm	2235.59	589323.88

Contractor

A.E.E

Assistant Engineer BBMP
Ward no 2

02/5/2022

Asst. Exe. Engineer, BBMP
Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
3	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour,curing etc., complete as per specification.do - minimum width of 1200mm (gang saw water cut) SECOND FLOOR								
	SECOND FLOOR								
	Hall 1 Flooring	1	12.81	5.8		74.30	Sqm		
	Skirting	2	12.8	0.1		2.56	Sqm		
		2	5.8	0.1		1.16	Sqm		
	Column	8	0.28	0.1		0.22	Sqm		
	Door offset	1	1.2	0.25		0.30	Sqm		
	Deduction Doors	-1	1.2	0.1		-0.12	Sqm		
		-1	1.2	0.1		-0.12	Sqm		
	Door Offset	1	1.2	0.25		0.30	Sqm		
	Hall 2 Flooring	1	12.7	5.8		73.66	Sqm		
	Skirting	2	12.7	0.1		2.54	Sqm		
		2	5.8	0.1		1.16	Sqm		
	Deduction Doors	-1	1.2	0.1		-0.12	Sqm		
	Door Offset	1	1.2	0.25		0.30	Sqm		
	Column	-4	0.3	0.25		-0.30	Sqm		
	Passage								
	Flooring	1	27.9	1.55		43.25	Sqm		
	Skirting	2	27.9	0.1		5.58	Sqm		
	Deduction Doors	-6	0.9	0.21		-1.13	Sqm		
	Columns	8	2	0.1		1.60	Sqm		
	Passage	1	8.6	0.83		7.14	Sqm		
	Skirting	2	8.6	0.1		1.72	Sqm		
	Skirting	1	1.55	0.1		0.16	Sqm		
		2	0.83	0.1		0.17	Sqm		
		-1	1.55	0.1		-0.16	Sqm		
	Staircase passage	1	0.82	1.8		1.48	Sqm		
		1	1.9	0.93		1.77	Sqm		
	Skirting	1	3.8	0.1		0.38	Sqm		
	Skirting	1	0.82	0.1		0.08	Sqm		
	STAIRCASE 1ST FLIGHT					0.00	Sqm		
	Tread	13	0.3	0.84		3.28	Sqm		
	Riser	13	0.84	0.15		1.64	Sqm		
	2nd FLIGHT								
	Tread	5	0.3	0.9		1.35	Sqm		
	Riser	5	0.9	0.15		0.68	Sqm		
	Landing	1	2	1		2.00	Sqm		
	Skirting	1	2	0.1		0.20	Sqm		
		2	1	0.1		0.20	Sqm		
	3rd FLIGHT								
	Tread	13	0.3	0.84		3.28	Sqm		
	Riser	13	0.84	0.15		1.64	Sqm		
	Landing	1	0.9	0.65		0.59	Sqm		
	Landing	1	0.9	0.15		0.14	Sqm		
	4th FLIGHT								
	Tread	6	0.3	0.93		1.67	Sqm		
	Riser	7	0.93	0.15		0.98	Sqm		
	Landing	1	2.3	1		2.30	Sqm		
	Skirting	1	2.3	0.1		0.23	Sqm		
		2	1.12	0.1		0.22	Sqm		
	5th FLIGHT								
	Tread	12	0.3	0.83		2.99	Sqm		

RA 1st and ... Works to Tela

Sl no.	Description of work	No	Dimensions			Total Quantity	Unit	Approved Rate	Amount
			L	B	D				
	Riser	13	0.83	0.15		1.62	Sqm		
	Landing	1	0.9	0.65		0.59	Sqm		
	Landing	1	0.9	0.1		0.09	Sqm		
	6th FLIGHT								
	Tread	5	0.3	0.9		1.35	Sqm		
	Riser	5	0.9	0.15		0.68	Sqm		
	Landing	1	2.3	1.12		2.58	Sqm		
	Skirting	1	2.3	0.1		0.23	Sqm		
		2	1.12	0.1		0.22	Sqm		
	Passage	1	3	4		12.00	Sqm		
					Total	260.58	Sqm	2235.59	582541.10

Contractor

Assistant Engineer BBMP
Ward no 2
02/5/2022

Asst. Exe. Engineer BBMP

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
4	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick / Tile work. A. In lime mortar.MORTH Specification No. 202 KSRRB M200-14.2. –do– Dismantling brick/Tile work B. In cement mortar.								
	Building								
		2	3.8	0.2	2.9	4.41	Cum		
		2	5.1	0.2	2.9	5.92	Cum		
					Total	10.32	Cum	1732.01	17881.27

Contractor

Assistant Engineer BBMP
Ward no 2

3/8/2021

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Nk. Zn)
Yelahanka, Bangalore

Asst. Exe. Engineer BBMP

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
5	KSRB 2.2.6 : Excavation for foundation of buildings, water supply & sanitary lines & electrical conduits etc., either in pits or in trenches 1.50m & above in width in hard rock by chiselling and / or wedging where blasting is prohibited, not excluding 1.50m in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50m including cost of labour, HOM complete as per specifications								
	Pre Measurements Recorded on page No of EMB					108.50	Cum		
	Total Quantity					**108.50**	**Cum**		
	Qty up to 100% of BOQ					**91.04**	**Cum**	**489.41**	**44555.89**
	Qty B/N 100 to 125% of BOQ					**17.46**	**Cum**	**489.41**	**8544.12**
6	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete								
	Pre Measurements Recorded on page No of EMB					4.45	Cum		
	Total Quantity					4.45	Cum		
	Qty up to 100% of BOQ					**3.04**	**Cum**	**2647.61**	**8048.7**
	Qty B/N 100 to 125% of BOQ					**0.76**	**Cum**	**2647.61**	**2012.2**
	Qty above 125% of BOQ					**0.65**	**Cum**	**2657.69**	**1727.5**
7	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	Pre Measurements Recorded on page No of EMB					21.64	Cum		
	Total Quantity					**21.64**	**Cum**		
	Qty up to 100% of BOQ					**13.23**	**Cum**	**5561.18**	**73574.4**
	Qty B/N 100 to 125% of BOQ					**3.30**	**Cum**	**5561.18**	**18351.9**
	Qty above 125% of BOQ					**5.11**	**Cum**	**5582.34**	**28550.9**
8	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	Pre Measurements Recorded on page No of EMB					**4.34**	**Cum**		
	Total quantity					**4.34**	**Cum**	**5807.52**	**25204.64**
9	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page No 23 item No 5.6								
	Pre Measurements Recorded on page No of EMB					**20.27**	**Cum**		
	Total quantity					**20.27**	**Cum**	**5009.64**	**101545.4**
10	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page No 23 item No 5.6								
	Pre Measurements Recorded on page No of EMB					**3.21**	**Cum**		
	Total quantity					**3.21**	**Cum**	**6545.45**	**21030.53**

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9								
	Pre Measurements Recorded on page No of EMB					44.92	Cum		
	Total Quantity					**44.92**	**Cum**		
	Qty up to 100% of BOQ					**17.83**	**Cum**	**219.09**	**3906.37**
	Qty B/N 100 to 125% of BOQ					**4.46**	**Cum**	**219.09**	**976.59**
	Qty above 125% of BOQ					**22.63**	**Cum**	**219.92**	**4977.42**
12	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 133,Item No17.4								
	Pre Measurements Recorded on page No of EMB					47.18	Cum		
	Total quantity					**47.18**	**Cum**	**179.85**	**8485.32**
13	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Pre Measurements Recorded on page No of EMB					97.83	Sqm		
	Total quantity					**97.83**	**Sqm**		
	Qty up to 100% of BOQ					**72.24**	**Sqm**	**281.22**	**20315.33**
	Qty B/N 100 to 125% of BOQ					**18.06**	**Sqm**	**281.22**	**5078.83**
	Qty above 125% of BOQ					**7.53**	**Sqm**	**282.29**	**2124.23**
14	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Pre Measurements Recorded on page No of EMB					**35.92**	**Sqm**		
	Total quantity					**35.92**	**Sqm**	**390.22**	**14016.31**
15	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Pre Measurements Recorded on page No of EMB					**34.43**	**Sqm**		
	Total quantity					**34.43**	**Sqm**	**497.04**	**17110.6**

Contractor

Assistant Engineer BBMP
Ward no 2

Asst. Executive Engineer BBMP
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
16	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Through Lintel								
	Long Wall	3x2	7.4		0.15	6.66	Sqm		
	Short wall	2x2	5.7		0.15	3.42	Sqm		
	Toilet wall	3x2	5.2		0.15	4.68	Sqm		
	Toilet wall cut lintel	12x2	0.9		0.15	3.24	Sqm		
	Beams								
	Longer Span	2	7.4		0.45	6.66	Sqm		
	Longer Span	4	7.4		0.3	8.88	Sqm		
	Shorter Span	2	6.605		0.45	5.94	Sqm		
	Shorter Span	4	6.605		0.3	7.93	Sqm		
					Total quantity	**47.41**	**Sqm**		
					Qty up to 100% of BOQ	**36.60**	**Sqm**	**439.27**	**16077.28**
					Qty B/N 100 to 125% of BOQ	**9.15**	**Sqm**	**439.27**	**4019.32**
					Qty above 125% of BOQ	**1.66**	**Sqm**	**498.93**	**828.48**

A.E.E

Contractor

Assistant Engineer BBMP
Ward no 2

Asst. Executive Engineer
Yelahanka ... Division
(BBMP Tnk. Zn)
Yelahanka, Bangalore

Asst. Exe.Engineer BBMP

Sl no.	Description of work	No	Dimensions			Total Quantity	Unit	Approved Rate	Amount
			L	B	D				
17	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting,propping & removal of form work etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Roof slab								
	Long Wall	2	7.4		0.15	2.22	Sqm		
	Short wall	2	6.605		0.15	1.98	Sqm		
	Total quantity					4.20	Sqm	479.60	2015.04

Contractor

Assistant Engineer BBMP
Ward no 2

Asst. Exe. Engineer, BBMP
Asst. Executive Engineer
Yelahanka Sub. Divison
(Hebbal Sub. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
21	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., for all super structure works with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges)Ready mixed Cement concrete M-25								
	Roof slab								
	Beams Longer span	1	7.4	7.3	0.15	8.10	Cum		
	Shorter span	3	7.4	0.2	0.3	1.33	Cum		
	Total quantity	3	6.7	0.2	0.3	1.21	Cum		
						10.64	Cum	5933.96	63143.27

Contractor A.E.E

Assistant Engineer BBMP
Ward no 2

21-10-2021

Asst. Executive Engineer BBMP
Yelahanka Sub Divison
(BBMP Mk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	B	D	Total Quantity	Unit	Approved Rate	Amount
22	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3								
	Pre Measurements Recorded on page No of EMB					5.60	Tonne		
	Total quantity					**5.60**	**Tonne**	**77352.94**	**432965.75**
23	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 do - with solid concrete blocks of size 400x200x200mm								
	Long wall	3	6.05		2.55	46.3	Sqm		
	Short wall	2	6.4		2.55	32.6	Sqm		
	Compound all	1	10.2		2.00	20.4	Sqm		
	Compound wall rise	1	25.8		0.65	16.8	Sqm		
	Deductions								
	Through Lintel	-3	6.05		0.15	-2.7	Sqm		
	"	-2	6.4		0.15	-1.9	Sqm		
	Door	-2	0.9		2.1	-3.8	Sqm		
	Ventilators	-9	0.6		0.8	-4.1	Sqm		
	Compound gate	-1	4		1.8	-7.2	Sqm		
	Projection wall	1	1.2		2.4	2.9	Sqm		
		2	2		2.4	9.6	Sqm		
					Total	**108.9**	**Sqm**	**994.08**	**108255.31**

CEK 30/11

Contractor

Assistant Engineer BBMP
Ward no 2

30/11/2021

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exe. Engineer BBMP

Sl no.	Description of work	No	Dimensions L	B	D	Total Quantity	Unit	Approved Rate	Amount
25	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.KSRB15-3.8 : – do – cement mortar 1:4								
	Long wall	2	7.4		3.00	44.4	Sqm		
	Short wall	2	7.3		3.00	43.8	Sqm		
	Compound all	2	10.2		2.00	40.8	Sqm		
	Compound wall rise	2	25.8		2.00	103.2	Sqm		
		3	11.65		2.00	69.9	Sqm		
	Deductions								
	Door	-3	6.05		0.15	-2.7	Sqm		
	Ventilators	-2	0.9		2.1	-3.8	Sqm		
	Compound gate	-9	0.6		0.75	-4.1	Sqm		
	Projection wall	-1	4		1.8	-7.2	Sqm		
		1	1.2		2.4	2.9	Sqm		
		1	2		2.4	4.8	Sqm		
					Total	292.0	Sqm		
	Qty up to 100% of BOQ					264.22	Sqm	284.49	75167.95
	Qty B/N 100 to 125% of BOQ					27.78	Sqm	284.49	7903.13

Contractor

Assistant Engineer BBMP
Ward no 2

24/12/2021

Asst. Exe. Engineer BBMP
Yelahanka Sub Divison
(BBMP Yak. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
26	KSRB 15.3 : Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.KSRB15-3.2 : – do – cement mortar 1:4								
	Long wall Gents toilet	2	7		0.90	12.6	Sqm		
	Short wall	2	2.67		0.90	4.8	Sqm		
	Door	-1	0.9		2.10	-1.9	Sqm		
	Ladies toilet Long wal	2	7		0.90	12.6	Sqm		
	Ladies toilet short wal	2	3.8		0.90	6.8	Sqm		
	Door	-1	0.9		2.1	-1.9	Sqm		
		1	2		2.4	4.8	Sqm		
					Total	37.9	Sqm		
					Qty up to 100% of BOQ	13.14	Sqm	222.36	2921.81
					Qty B/N 100 to 125% of BOQ	3.28	Sqm	222.36	729.34
					Qty above 125% of BOQ	21.48	Sqm	246.18	5288.02

Contractor

Assistant Engineer BBMP
Ward no 2

12/01/2022

Asst. Exe Engineer BBMP
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions			Total Quantity	Unit	Approved Rate	Amount
			L	B	D				
27	KSRB 15.3 : Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.KSRB15-3.2 : – do – cement mortar 1:4								
	Ceiling plastering								
	Gents toilet	1	7	2.925		20.5	Sqm		
	Ladies toilet	1	7	3.8		26.6	Sqm		
	Beams	2	7.3	0.3		4.4	Sqm		
					Total	51.5	Sqm	222.36	11451.54

Contractor

21/01/2022

Assistant Engineer BBMP
Ward no 2

Asst. Exe Engineer/BBMP
Yelahanka Sub Divison
(BBMP Yn. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
28	KSRB15-5 : Providing rough cement plastering 15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-5.1 : – do – cement mortar 1:4								
	Gents Toilet								
	Long Wall	2	7		2.10	29.4	Sqm		
	Short wall	2	7		2.10	29.4	Sqm		
	Passage wall	1	5.2		2.10	10.9	Sqm		
	Toilet wall	4	1.2		2.10	10.1	Sqm		
	Toilet wall	4	0.45		2.10	3.8	Sqm		
	Doors	-4	0.75		1.80	-5.4	Sqm		
	Ladies Toilet								
	Long Wall	2	7		2.10	29.4	Sqm		
	Short wall	2	7		2.10	29.4	Sqm		
	Passage wall	2	5.2		2.10	21.8	Sqm		
	Toilet wall	8	1.2		2.10	20.2	Sqm		
	Toilet wall	8	0.45		2.10	7.6	Sqm		
	Doors	-8	0.75		1.80	-10.8	Sqm		
					Total	175.7	Sqm	240.89	42324.37

Contractor

Assistant Engineer BBMP
Ward no 2
18/02/2022

Assistant Executive Engineer, BBMP
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	B	D	Total Quantity	Unit	Approved Rate	Amount
29	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.(a) 100% for fresh surface								
	Internal Plastering								
	Long wall Gents toilet	2	7		0.90	12.6	Sqm		
	Short wall	2	2.67		0.90	4.8	Sqm		
	Door	-1	0.9		2.10	-1.9	Sqm		
	Ladies toilet Long wal	2	7		0.90	12.6	Sqm		
	Ladies toilet short wal	2	3.8		0.90	6.8	Sqm		
	Door	-1	0.9		2.1	-1.9	Sqm		
		1	2		2.4	4.8	Sqm		
	Ceiling plastering								
	Gents toilet	1	7	2.925		20.5	Sqm		
	Ladies toilet	1	7	3.8		26.6	Sqm		
	Beams	2	7.3	0.3		4.4	Sqm		
					Total	89.3	Sqm		
					Qty up to 100% of BOQ	66.10	Sqm	34.88	2305.57
					Qty B/N 100 to 125% of BOQ	16.53	Sqm	34.88	576.57
					Qty above 125% of BOQ	6.70	Sqm	85.34	571.46

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer BBMP
Ward no 2

10/03/2022

Asst. Exe.Engineer BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
30	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. do- with primer								
	Internal Plastering								
	Long wall Gents toilet	2	7		0.90	12.6	Sqm		
	Short wall	2	2.67		0.90	4.8	Sqm		
	Door	-1	0.9		2.10	-1.9	Sqm		
	Ladies toilet Long wal	2	7		0.90	12.6	Sqm		
	Ladies toilet short wal	2	3.8		0.90	6.8	Sqm		
	Door	-1	0.9		2.1	-1.9	Sqm		
		1	2		2.4	4.8	Sqm		
	Ceiling plastering								
	Gents toilet	1	7	2.925		20.5	Sqm		
	Ladies toilet	1	7	3.8		26.6	Sqm		
	Beams	2	7.3	0.3		4.4	Sqm		
					Total	89.3	Sqm		
					Qty up to 100% of BOQ	52.96	Sqm	98.10	5195.38
					Qty B/N 100 to 125% of BOQ	13.24	Sqm	98.10	1298.84
					Qty above 125% of BOQ	23.10	Sqm	98.47	2274.73

Contractor

Assistant Engineer BBMP
Ward no 2

30/03/2022

Asst. Exe. Engineer BBMP
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
33	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification.								
	Gents toilet	1	7	1.6		11.2	Sqm		
	Passage	1	1.8	1.3		2.3	Sqm		
	Ladies toilet	1	7	1.2		8.4	Sqm		
	Passage	1	2.6	1.8		4.7	Sqm		
	Toilets	1	2	1.2		2.4	Sqm		
					Total	29.0	Sqm	1239.33	35940.57

Contractor

A.E.E

Assistant Engineer BBMP
Ward no 2

18.10.2022

Asst. Exe. Engineer BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yng. Zn)
Yelahanka, Bangalore

Sl no.	Description of work	No	Dimensions L	B	D	Total Quantity	Unit	Approved Rate	Amount
46	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305								
	Filling								
	Gents toilet	1	1	1.0	0.15	0.16	Cum		
	Ladies Toilet	1	6.8	2.7	0.60	11.02	Cum		
	Entrance passage	1	6.8	3.8	0.60	15.50	Cum		
		1	2	1.0	0.60	1.20	Cum		
					Total	27.87	Cum	354.25	9872.95
47	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top Ncast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification.								
	Gate	1	4		2.00	8.00	Sqm		
					Total	8.00	Sqm	3283.08	26264.64
48	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6								
	Sump	1	4			4.00	Nos		
					Total	4.00	Nos	300.84	1203.36
49	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. 2.1.1 Short point upto 3Mtr from tapping point to out let via switch								
		1	3			3.00	Point		
					Total	3.00	Point	174.40	523.20
50	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. 2.1.2 Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch								
		1	3			3.00	Point		
					Total	3.00	Point	299.75	899.25

Sl no.	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Total Quantity	Unit	Approved Rate	Amount
51	Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends,metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick								
		1	25			25.00	Rmt		
					Total	25.00	Rmt	70.85	1771.25
52	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20mm dia 2mm thick								
		1	15			15.00	Rmt		
					Total	15.00	Rmt	57.77	866.55
53	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 25mm dia 2mm thick								
		1	20			20.00	Rmt		
					Total	20.00	Rmt	58.86	1177.20
54	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way								
		1	34			34.00	Each		
					Total	34.00	Each	41.42	1408.28
55	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 4-5Way								
		1	34			34.00	Each		
					Total	34.00	Each	56.68	1927.12
56	Supplying 6A flush type socket and 6 amps flush type SP switch either surface/flush mounting in existing gang box or in 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required as per IS 1293 and IS 3654 6Amps 3/5 Way								
		1	52			52.00	Nos		
					Total	52.00	Nos	77.39	4024.28
57	Supplying and mounting 2 Nos. of 2 way 6 amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flush mounted wooden box and wiring as per IS 1293								
		1	25			25.00	Each		
					Total	25.00	Each	239.80	5995.00

Sl no.	Description of work	No	Dimensions L	B	D	Total Quantity	Unit	Approved Rate	Amount
58	Supplying and fixing of bakelite D.P /SOCKET/SWITCH with /without neon indicator over existing wood board or flush mounting in plastic plates /nitches as per is1293 16AMPS Cobined switch and socket								
		1	4			4.00	Nos		
					Total	4.00	Nos	359.70	1438.80
59	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 1.5 sqmm								
		1	231.2			231.20	Rmt		
					Total	231.20	Rmt	125.35	28980.92
60	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 2.5 sqmm								
		1	221.2			221.20	Rmt		
					Total	221.20	Rmt	132.98	29415.18
61	Supplying And Fixing Metal Fan Box with Round Hook.								
		1	5			5.00	Each		
					Total	5.00	Each	370.60	1853.0
62	Supplying and fixing regular MCB distribution boards on wall/ wood board / flush mounting using required clamps, bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure. 12Way SP &N								
		1	2			2.00	Nos		
					Total	2.00	Nos	261.60	523.20
63	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6-32 Amps DP								
		1	2			2.00	Nos		
					Total	2.00	Nos	206.01	412.02
64	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia								
		1	1			1.00	Nos		
					Total	1.00	Nos	168.95	168.95
65	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.								
		1	50			50.00	Mtr		
					Total	50.00	Mtr	70.85	3542.50
66	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate Non 230V 50Hz, Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete.								

Sl no.	Description of work	No	Dimensions L	B	D	Total Quantity	Unit	Approved Rate	Amount
		1	2			2.00	Each		
					Total	2.00	Each	981.00	1962.00
67	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body with locking type holder completely wired. Excluding Ballast & Flouresent Tube. 1 x 4' Tube light fitting.								
		1	54			54.00	Nos		
					Total	54.00	Nos	239.80	12949.20
68	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374- 1979 and with double ball bearing system.								
		1	22			22.00	Each		
					Total	22.00	Each	1962.00	43164.00
69	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
		1	12			12.00	Each		
					Total	12.00	Each	5402.04	64824.48
70	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
		1	7			7.00	Unit		
					Total	7.00	Unit	3432.41	24026.87
	KSRB 11-9.2 : Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps, C.I. trap with outlet grating and other couplings in C.P brass painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
		1	7			7.00	Unit		
					Total	7.00	Unit	11973.65	83815.55
	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.								
		1	2			2.00	Unit		
					Total	2.00	Unit	1238.24	2476.48

Sl no.	Description of work	No	Dimensions			Total Quantity	Unit	Approved Rate	Amount
			L	B	D				
73	KSRB 11-17-1 : Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications								
		1	6			6.00	Unit		
					Total	6.00	Unit	734.66	4407.96
74	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.								
		1	26			26.00	Each		
					Total	26.00	Each	163.50	4251.00
75	KSRB13-9 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications.KSRB 13-8.9 : -do- 110mm								
		1	25			25.00	Mtr		
					Total	25.00	Mtr	542.82	13570.50
76	KSRB13-9 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications.KSRB 13-8.9 : -do- 160mm								
		1	35			35.00	Mtr		
					Total	35.00	Mtr	683.43	23920.05
7	KSRB 12-8.1 : Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.– do – 600x600mm and 450mm depth (clear inside dimension) forsingle pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm								
		1	3			3.00	Nos		
					Total	3.00	Nos	9254.10	27762.30
	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) ,Specification No.KBS 13.22								
		1	2			2.00	Each		
					Total	2.00	Each	2180.00	4360.00
	KSRB13-6.1 : Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications do - 20 mm dia nominal bore								
		1	25			25.00			

Sl no.	Description of work	No	Dimensions			Total Quantity	Unit	Approved Rate	Amount
			L	B	D				
					Total	25.00	Each	196.20	4905.00
80	KSRB13-6.2 : Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications do - 20 mm dia nominal bore								
		1	15			15.00	Each		
					Total	15.00	Each	163.50	2452.50
81	KSRB13-6.3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality(screwed end) nominal bore includingcost of all materials, labour and HOM with all leads complete as perspecifications. 20 mm dia nominal bore								
		1	2			2.00	Each		
					Total	2.00	Each	926.50	1853.00
82	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 20mm nominal OD pipes								
		1	45			45.00	Mtr		
					Total	45.00	Mtr	239.80	10791.00
83	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 25mm nominal OD pipes								
		1	35			35.00	Mtr		
					Total	35.00	Mtr	261.60	9156.00
								Total	4422221.5
								GST@12%	530666.58
								Grand Total	4952888.1

Contractor

Assistant Engineer BBMP
Ward no 2

02/5/2022

Asst. Executive Engineer BBMP
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore